PAGE: 1

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/519,728

DATE: 03/23/2000

TIME: 14:35:09

Input Set: I519728.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

```
<110> Weintraub, Bruce D.
 1
          Szkudlinski, Mariusz
 2
                                                               Does Not Comply
 3
    <120> MUTANTS OF THYROID STIMULATING HORMONE
                                                           Corrected Diskette Needed
          AND METHODS BASED THEREON
    <130> UOFMD.002C1
 5
   <140> US/09/519,728
    <141> 2000-03-03
 7
 8
    <150> 60/135,505
 9
    <151> 1998-09-17
10
    <150> 08/939,472
    <151> 1997-09-22
11
    <160> 4
12
    <170> FastSEQ for Windows Version 4.0
13
```

## ERRORED SEQUENCES FOLLOW

```
14
     <210> 4
15
     <211> 9
16
     <212> DNA
     <213> Homo sapien
17
18
     <400> 4
19
            tcaatccgc
20
21
            1
22
            1
23
```

PAGE: 2

## VERIFICATION SUMMARY PATENT APPLICATION US/09/519,728

DATE: 03/23/2000

TIME: 14:35:09

Input Set: I519728.RAW

Line ? Error/Warning Original Text

20 E Number of Bases conflict w/ Running Total 3

€

٨	Number: <u>0 9/5/9, 728</u>	CRF Processing Date: 5/23/ Edited by:
	Changed a file from non-ASCII to ASCII	Verified by: (STIC
	Changed the margins in cases where the sequence text was "wrapped" down to the next line.	
	Edited a format error in the Curred And Carlon Data session, specifically:	
Edited the Current Application Data section with the actual current number. The number inputted by the applicant was   the prior application data; or  other		
	Added the mandatory heading and subheadings for "Current Application Data".	
Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.		
Changed the spelling of a mandatory field (the headings or subheadings), specifically:		
Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:		
Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:		
Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.		
Inserted colons after headings/subheadings. Headings edited included:		
Deleted extra, invalid, headings used by an applicant, specifically:		
Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of page numbers throughout text; other invalid text, such as		
Inserted mandatory headings, specifically:		
Corrected an obvious error in the response, specifically:		
Edited identifiers where upper case is used but lower case is required, or vice versa.		
Corrected an error in the Number of Sequences field, specifically:		
	A "Hard Page Break" code was inserted by the applicant. All	occurrences had to be deleted.
	Deleted ending stop codon in amino acid sequences and adjude to a Patentin bug). Sequences corrected:	usted the "(A)Length:" field accordingly (erro
	Other:	· · · · · · · · · · · · · · · · · · ·